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Department of Forensic Science
Breath Alcohol Section
Instrument Location History
1/1/1990 To 6/13/2014

Instrument Serial Number:	010559	As of 13-Jun-14
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Start Date	End Date	Agency Name
11-Jun-14		Radford PD
14-Jul-09	11-Jun-14	DFS Central Lab
16-Apr-09	14-Jul-09	Virginia Beach PD
23-Jun-08	16-Apr-09	DFS Central Lab

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INTOX EC/IR II

Quality Assurance Worksheet

Instrument Serial Number 010559 Worksheet Start Date 6/11/2014

Location Radford PD

Address 20 Robertson St Radford VA 24141

DFS Technician Sarah Dersch License No. 24178

☐ Laboratory

☒ On-Site

Site Specification: No detrimental environmental conditions exist. ☒

Instrument Barometer (mm HG) 712 Reference Barometer (mm HG) 714

Reference Barometer(RB)Serial # 009111 RB Calibration Due 5/19/2015

Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.300	0.281	0.272	0.289	0.287
Precision		sample min	sample max	Sample 2
0.002		0.285	0.287	0.285

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.100	0.094	0.091	0.097	0.094
Precision		sample min	sample max	Sample 2
0		0.094	0.094	0.094

Dry gas standard Lot No. (with tank no.) AG406301-10

☐ Replaced dry gas standard (+O-ring)

☒ Installed at Location

☐ Removed to DFS-Central

Supplies

Mouthpieces

Certificates of Analysis

Operator Worksheet

Other:

50

50

Notes:

Instrument Serial Number

010559

Certification Date

☐ Calibrated☐ Certified☒ Measurement Assurance Check☒ Instrument Test☐ Troubleshooting/Maintenance Worksheet Completed

(Successful completion denotes satisfactory condition of the item.)

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.250		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.150		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.080		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.020		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

All measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

DFS Technician

Date

6/13/14

Issuing Analyst

Date

6/13/14

Intox EC/IR II QA Worksheet

Issued by Calibration and Training Program Manager

Issue Date: 9-December-2013

DFS Document 250-F113

Revision 7

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Intox EC/IR-II: Accuracy Check

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Department of Forensic Science

Serial Number: 010559 Test Number: 309

Test Date: 06/11/2014 Test Time: 08:08 EDT

Dry Gas Target: 0.281

Lot Number: AG334603-03 Exp Date: 12/12/2015

Tank Pressure: 419 psi Barometric Pressure: 712 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	08:08
CHK	0.287	08:09
BLK	0.000	08:11
CHK	0.285	08:11
BLK	0.000	08:13
CHK	0.285	08:13

Test Status: Success

Calibration CRC: 36DB16AF

Intox EC/IR-II: Accuracy Check

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Department of Forensic Science

Serial Number: 010559 Test Number: 310

Test Date: 06/11/2014 Test Time: 08:17 EDT

Dry Gas Target: 0.094

Lot Number: AG406301-10 Exp Date: 03/04/2016

Tank Pressure: 1115 psi Barometric Pressure: 712 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	08:18
CHK	0.094	08:19
BLK	0.000	08:20
CHK	0.094	08:21
BLK	0.000	08:22
CHK	0.094	08:23

Test Status: *Success*

Calibration CRC: 36DB16AF




COMMONWEALTH OF VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

NAME OF ACCUSED INSTRUMENT, TEST,	NAME OF COURT DFS
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY DERSCH, SARAH, E		AGENCY DFS Central Lab
DFS LICENSE NUMBER 24178	LICENSE EXPIRES 10/01/2014	DATE TEST CONDUCTED 06/11/2014
TEST EQUIPMENT NUMBER 010559		

RESULTS: TIME SAMPLE TAKEN 08:30 EDT

SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20_____.

BREATH TEST OPERATOR

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS _____ SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____ OPERATOR'S SIGNATURE



IntoxNet MIS Report

Report Generated 11 Jun 2014 at 09:36

TLN
sd

Test Results

Instrument Serial Number 010559

Test # 000311 Subject Test

Test Location 1 Department of
Test Date 11 Jun 2014

Test Location 2 Forensic Science
Test Time 08:24
Remote/Local Local

Test Location 3
System Check Passed

Operator's Last Name DERSCH
Agency DFS Central Lab

Operator's First Name SARAH

Operator's Middle Initial E

Card Serial Number 124178

Effective Date 10/01/2012

License Number 24178

Expiration Date 10/01/2014

Subject's Last Name INSTRUMENT

Subject's First Name TEST

Subject's Middle Initial

Subject's Date of Birth 00/00/0000

Subject's Sex Male

Driver's License Number

Driver's License Expiration 00/00/0000

Driver's License State

Court Name DFS

End Date 11 Jun 2014 End Time 08:31

Result Time 08:30

Result Date 11 Jun 2014 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 08:24

Data Type BLK

Sample Value 0.000

Sample Time 08:25

Data Type CHK

Sample Value 0.094

Sample Time 08:26

Data Type BLK

Sample Value 0.000

Sample Time 08:27

Data Type SUBJ

Sample Value 0.000

Sample Time 08:28

Data Type BLK

Sample Value 0.000

Sample Time 08:29

Data Type SUBJ

Sample Value 0.000

Sample Time 08:30

Data Type BLK

Sample Value 0.000

Sample Time 08:31

Standard Type Dry Gas Std

Standard Value 0.094

Standard Lot Number AG406301-10

Standard Expiration Date 03/04/2016

Tank Pressure 1115

Barometric Pressure 712 mmHg

Blow Sample Number 1 Blow Duration 5.05 sec

Blow Volume 2027 cc End-of-Blow Time 08:28

Blow Sample Number 2 Blow Duration 3.90 sec

Blow Volume 1725 cc End-of-Blow Time 08:30

Tamper Evident Stamp 23fe0887

Test Status Code 0

Test Status Success